

Table 27. Selected metropolitan areas and cities: Unemployment rates for nonagricultural workers by industry¹, 1998 annual averages

Area	Total ²	Private nonagricultural wage and salary workers								Government	
		Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate		
				Total	Durable goods	Non-durable goods					
Metropolitan areas:											
Atlanta MSA	2.8	2.9	4.3	2.1	1.3	3.2	1.5	3.4	2.2	3.3	2.4
Baltimore PMSA	5.1	6.1	7.1	5.7	5.4	(5)	4.6	6.6	5.2	6.2	2.6
Bergen-Passaic PMSA	3.5	3.7	(5)	3.1	(5)	4.1	(5)	3.9	2.1	4.3	2.8
Boston PMSA	2.9	3.1	5.7	2.6	2.0	3.7	2.2	4.4	1.4	2.8	2.5
Buffalo-Niagara Falls MSA	3.2	3.3	(5)	1.9	1.6	(5)	(5)	3.5	(5)	3.6	3.3
Charlotte-Gastonia-Rock Hill MSA	3.3	3.7	(5)	2.8	(5)	2.1	(5)	3.9	(5)	4.5	.9
Chicago PMSA	4.2	4.6	7.2	3.5	2.7	4.5	5.1	6.0	2.3	4.3	1.5
Cincinnati PMSA	3.4	3.7	(5)	3.1	2.7	3.5	(5)	4.2	(5)	3.3	1.5
Cleveland-Lorain-Elyria PMSA	2.6	3.0	(5)	2.6	2.6	(5)	(5)	2.9	1.4	2.7	.5
Columbus, Ohio MSA	3.4	3.9	(5)	1.9	.9	(5)	(5)	5.5	2.0	4.0	1.6
Dallas-Fort Worth CMSA	3.8	4.2	1.8	3.2	3.0	3.5	4.1	5.9	3.2	4.2	2.1
Dayton-Springfield MSA	4.9	5.1	(5)	5.5	4.4	(5)	(5)	5.4	(5)	4.4	4.5
Denver-Boulder-Greeley CMSA	3.0	3.4	2.2	3.2	2.8	3.8	3.8	4.6	2.5	3.3	1.8
Detroit PMSA	3.5	3.7	5.1	3.7	3.6	4.0	3.1	4.3	1.8	3.5	1.6
Fort Lauderdale PMSA	4.0	4.4	4.4	5.1	4.2	(5)	3.1	6.4	3.7	3.2	1.6
Hartford MSA	2.3	2.5	(5)	1.4	(5)	(5)	(5)	1.8	(5)	1.7	(5)
Houston PMSA	3.9	4.4	5.6	3.0	2.5	3.6	2.6	5.4	1.3	5.6	.8
Indianapolis MSA	3.1	3.4	(5)	.2	(5)	(5)	(5)	6.3	(5)	2.0	(5)
Kansas City MSA	3.1	3.5	(5)	4.6	(5)	(5)	1.9	3.7	2.3	3.9	1.1
Los Angeles-Long Beach PMSA	5.7	6.4	7.8	6.8	5.7	8.1	3.7	7.6	3.5	6.2	2.5
Louisville MSA	3.6	4.1	(5)	4.2	(5)	(5)	(5)	7.1	(5)	3.1	.9
Memphis MSA	3.7	4.2	(5)	(5)	(5)	(5)	1.6	5.0	(5)	4.5	1.7
Miami PMSA	5.7	6.3	8.5	4.5	3.2	5.4	6.0	7.9	3.0	6.0	2.9
Milwaukee-Waukesha PMSA	3.1	3.6	(5)	1.5	1.1	(5)	(5)	6.2	(5)	3.7	.6
Minneapolis-St. Paul MSA	1.9	2.2	(5)	1.9	2.0	(5)	(5)	3.1	.5	2.0	.5
Nassau-Suffolk PMSA	2.5	2.8	4.2	2.1	(5)	(5)	1.2	3.4	1.7	3.3	1.1
New Orleans MSA	4.0	4.9	(5)	3.5	(5)	(5)	(5)	5.3	(5)	4.5	.4
New York PMSA	6.7	7.3	12.3	7.7	7.9	7.6	5.6	8.9	3.9	7.1	4.4
Newark PMSA	4.2	4.5	7.4	3.0	2.3	3.6	2.9	6.8	3.3	4.0	3.0
Norfolk-Virginia Beach-Newport News MSA	4.1	5.2	(5)	1.7	2.5	(5)	(5)	7.1	(5)	7.5	.8
Oakland PMSA	4.0	4.9	(5)	2.9	3.8	(5)	3.1	4.5	4.8	5.3	1.1
Oklahoma City MSA	3.6	4.6	(5)	2.6	2.4	(5)	(5)	6.1	(5)	4.9	.9
Orange County PMSA	3.4	3.8	(5)	3.3	3.3	3.5	(5)	5.1	3.7	2.9	2.1
Philadelphia PMSA	4.3	4.8	7.9	3.0	3.2	2.9	4.9	6.2	2.5	4.9	2.5
Phoenix-Mesa MSA	3.2	3.4	3.4	2.3	2.3	2.2	1.4	4.5	2.2	3.8	2.0
Pittsburgh MSA	3.8	4.1	(5)	3.1	3.8	(5)	3.2	4.1	2.7	4.2	2.3
Portland-Vancouver PMSA	4.6	5.1	7.0	4.3	3.7	5.8	7.6	5.0	4.1	4.9	3.2
Providence-Fall River-Warwick MSA	4.7	5.3	10.1	5.5	5.1	6.1	6.5	5.5	1.0	5.1	1.3
Riverside-San Bernardino PMSA	6.6	7.5	9.3	6.7	5.2	10.2	6.3	9.2	1.9	7.6	3.2
Rochester MSA	4.3	4.4	(5)	3.7	3.1	(5)	(5)	6.0	(5)	3.7	3.7
Sacramento-Yolo CMSA	5.2	6.5	(5)	10.4	(5)	(5)	(5)	7.9	3.3	4.5	2.6
St. Louis MSA ⁶	4.3	4.8	7.8	4.2	4.7	3.6	3.2	5.7	1.4	4.9	1.5
Salt Lake City-Ogden MSA	3.7	3.9	5.4	2.9	3.0	2.4	3.3	5.0	1.5	3.9	3.0
San Antonio MSA	5.0	6.0	5.0	5.5	(5)	(5)	5.7	7.5	(5)	5.5	1.9
San Diego MSA	5.1	6.1	12.6	4.8	4.6	(5)	(5)	6.8	.4	6.0	2.3
San Francisco PMSA	3.2	3.6	(5)	3.0	(5)	(5)	(5)	4.3	(5)	3.2	2.5
San Jose PMSA	3.3	3.9	(5)	3.7	3.6	(5)	(5)	4.4	(5)	4.1	.4
Seattle-Bellevue-Everett PMSA	3.4	3.6	(5)	2.1	2.0	(5)	(5)	4.8	(5)	3.0	2.9
Tampa-St. Petersburg-Clearwater MSA	4.4	4.8	6.9	5.0	6.2	(5)	5.4	4.3	1.5	5.3	3.0
Washington D.C. PMSA	3.2	3.8	3.1	3.5	(5)	(5)	2.7	6.4	2.9	3.0	1.7

See footnotes at end of table.

Table 27. Selected metropolitan areas and cities: Unemployment rates for nonagricultural workers by industry¹, 1998 annual averages — Continued

Area	Total ²	Private nonagricultural wage and salary workers								Government	
		Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate		
				Total	Durable goods	Non-durable goods					
Cities:											
Baltimore central city	11.4	13.7	(5)	(5)	(5)	(5)	(5)	13.8	6.2	12.0	6.2
Chicago central city	6.5	7.4	11.0	7.3	5.7	9.2	9.0	9.9	3.4	6.3	1.8
Cleveland central city	5.8	6.6	(5)	6.0	(5)	(5)	(5)	4.0	(5)	5.6	(5)
Dallas central city	3.9	4.5	(5)	4.1	(5)	(5)	(5)	6.5	(5)	4.7	1.1
Detroit central city	7.1	8.3	(5)	6.4	4.9	(5)	(5)	9.9	(5)	9.2	1.3
District of Columbia	8.2	9.3	23.5	4.5	(5)	4.6	9.5	15.5	11.8	6.2	5.6
Houston central city	5.7	6.1	7.0	4.3	3.2	5.7	3.4	7.9	3.4	6.5	2.1
Indianapolis central city	3.9	4.3	(5)	(5)	(5)	(5)	(5)	6.1	(5)	2.5	(5)
Los Angeles central city	6.7	7.2	7.4	8.5	6.1	10.6	4.3	7.8	3.5	7.0	4.1
Milwaukee central city	6.4	8.1	(5)	4.3	2.5	(5)	(5)	15.1	(5)	7.7	.6
New York central city	7.2	7.8	13.6	8.0	7.7	8.1	5.2	9.4	4.4	7.8	4.6
Philadelphia central city	7.3	8.1	(5)	8.4	(5)	9.3	8.7	11.3	2.1	7.7	4.4
Phoenix central city	4.1	4.3	4.5	4.2	4.3	(5)	(5)	5.4	4.4	4.1	2.4
St. Louis central city	8.1	9.1	(5)	(5)	(5)	(5)	(5)	11.1	(5)	5.7	3.9
San Antonio central city	5.4	6.4	(5)	5.2	(5)	(5)	(5)	7.7	(5)	4.9	2.0
San Diego central city	4.4	5.1	(5)	3.5	4.6	(5)	(5)	5.6	(5)	6.0	2.4
San Francisco central city	3.6	4.0	(5)	(5)	(5)	(5)	(5)	5.5	(5)	4.3	(5)

¹ Excludes persons with no previous work experience.

² Includes self-employed and unpaid family workers and mining.

³ Includes mining.

⁴ Excludes private household workers.

⁵ Data are not shown when the labor force base does not meet BLS

publication standards of reliability for the particular area, based on the sample in that area. See appendix B.

⁶ Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.